

Serial No. **09/995,671**
Reply to Office Action of **April 5, 2005**

Docket No. **P-0301**

AMENDMENTS TO THE DRAWINGS

The attached replacement sheet includes new Fig. 8. Since this is a new figure, no annotated sheet is being provided.

Attachment: Replacement Sheet for Fig. 8

REMARKS

Claims 1-19 are pending in this application. By this Amendment, new Fig. 8 is added and the specification and claims 1, 4-6, 11, 13-15, 18-19 are amended. Various amendments are made to the claims for clarity, and are unrelated to issues of patentability.

The Office Action objects to the drawings under 37 C.F.R. § 1.83(a) since a second frequency domain as recited in claim 8 (and similarly in claims 15 and 18) must be shown in the drawings. By this Amendment, drawing Fig. 8 is added and the specification is appropriately amended so as to properly reference Fig. 8. No new matter is added. Applicants also respectfully submit that Fig. 5 shows an average power detecting unit 300 (for detecting a power of a baseband digital CDMA in a second frequency band). Withdrawal of the objection is respectfully requested.

The Office Action objects to the disclosure and various claims because of informalities. It is respectfully submitted that the above amendments to the disclosure and the claims obviate the grounds for objection. Withdrawal of the objection is respectfully requested.

Applicants gratefully acknowledge the Office Action's indication that claims 4 and 6-7 contain allowable subject matter and that claims 8-19 are allowed.

The Office Action rejects claim 1 under 35 U.S.C. § 102(e) by U.S. Patent 6,600,792 to Antonio et al. (hereinafter "Antonio"). The Office Action also rejects claims 2-3 under 35 U.S.C. § 103(a) over Antonio in view of Applicants' Background of the Invention. Still further,

the Office Action rejects claim 5 under 35 U.S.C. § 103(a) over Antonio in view of Applicants' Background of the Invention. The rejections are respectfully traversed.

By this Amendment, features of allowable dependent claims 4 and 6 have been incorporated into independent claims 1 and 5, respectively. Accordingly, each of independent claims 1 and 5 are believed to define patentable subject matter for this reason. In particular, independent claim 1 recites that the transmission power detecting unit comprises a mixer, a first filter, a converter, a buffer, a second filter and unit to convert the signal output from the second filter and to determine the average power. Antonio does not teach or suggest these features. At best, Antonio merely discloses a power measurement block 48 that measure in-band power and out-of-band power. See col. 4, lines 45-56; and col. 5, lines 42-52. Based on the amount of measured power in-band, a predistortion algorithm may modify a look-up table. See col. 5, lines 54-57. Antonio does not teach or suggest the specific features of the transmission power detecting unit. Applicants' Background section does not teach or suggest these missing features of claim 1. Accordingly, independent claim 1 defines patentable subject matter.

Independent claim 5 defines patentable subject matter for at least similar reasons as independent claim 1. For example, independent claim 5 recites the transmission power detecting unit including a mixer, a converter and a unit to determine the average power based on the converted digital signal. The applied references do not teach or support these features.

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Claims 2-4 depend from claim 1 and claims 6-7 depend from claim 5 and therefore define patentable subject matter at least for this reason. In addition, the dependent claims recite features that further and independently distinguish over the applied references.

For at least the reasons set forth above, each of claims 1-19 define patentable subject matter. Withdrawal of the outstanding rejections is respectfully requested.

CONCLUSION

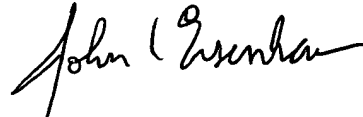
In view of the foregoing, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and prompt allowance of claims 1-19 are earnestly solicited. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney, **David C. Oren**, at the telephone number listed below.

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To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
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